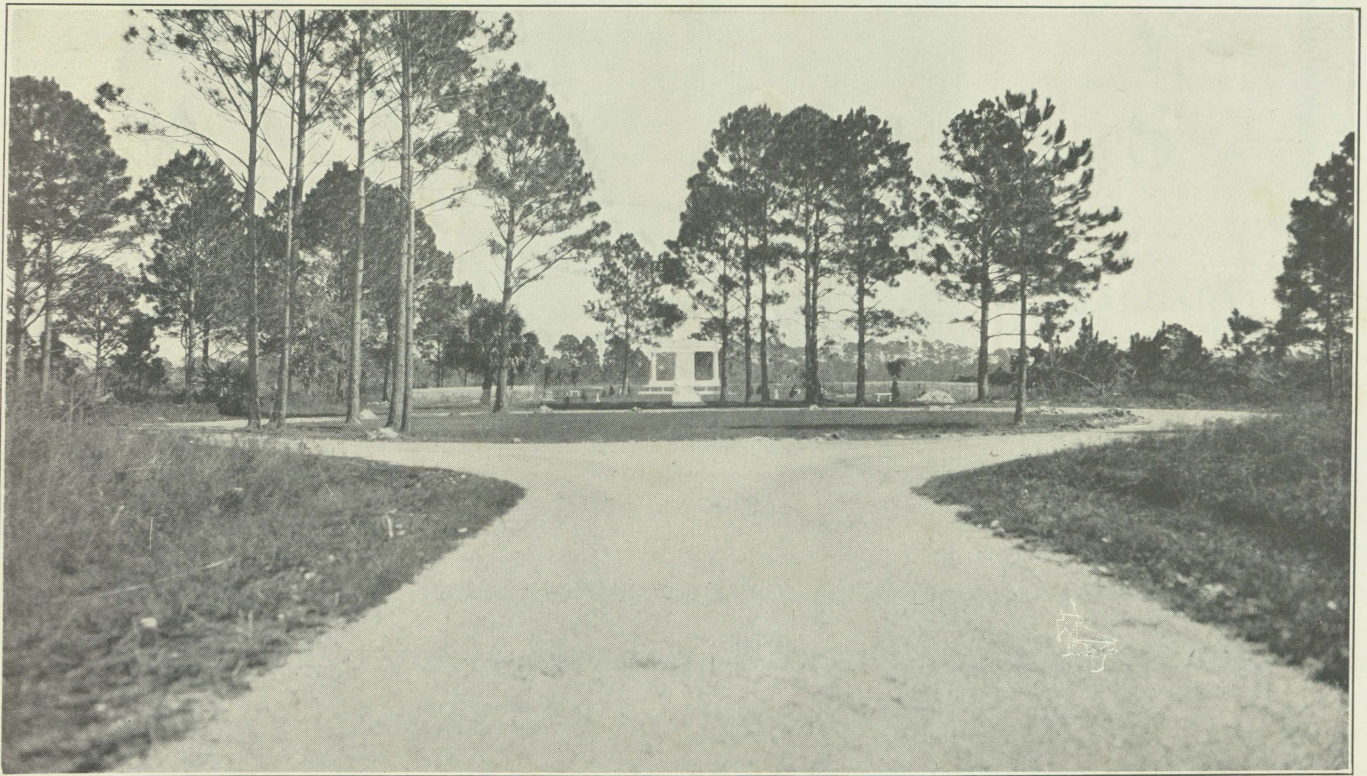


FLORIDA HIGHWAYS

Official Bulletin of the State Road Department

Vol. VIII

No. 1

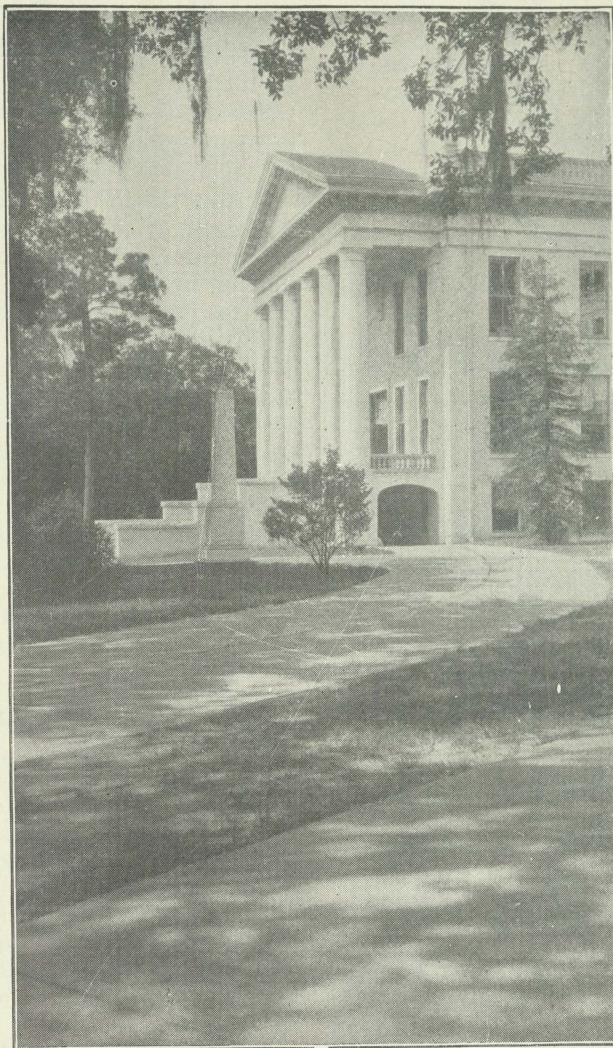


Site of Florida's First Constitutional Convention near Port St. Joe.

January, 1931

F L O R I D A

Vol. VIII
No. 1



H I G H W A Y S

JANUARY
1931

Minutes of Quarterly Meeting of State Road Department Held At Tallahassee, January 14th, 1931

THE first quarterly meeting of the State Road Department was held at Tallahassee on January 14th, with all members present, as follows: Robert W. Bentley, Chairman, William A. Shands, Mallie Martin, Ernest R. Graham and George B. Hills. H. J. Morrison, U. S. Highway Engineer; B. A. Meginniss, Attorney for the Department; B. M. Duncan, State Highway Engineer, and Karl Roesch, Secretary, were also in attendance.

MINUTES APPROVED

On motion of Mr. Shands, seconded by Mr. Hills, the minutes of the meeting held at Pensacola on December 10th, 1930, were duly approved.

CHAIRMAN'S REPORT

The Chairman submitted his usual monthly report of his transactions since the last meeting, which re-

port is in the words and figures following, to-wit:
To the Members of the State Road Department:
Gentlemen:

Acting under instructions from you, given at the December meeting, your Chairman, together with the Highway Engineer and the Assistant Highway Engineer, has made a trip of inspection over all of the county roads proposed for addition to our list of roads under maintenance, and will submit to you a detailed report.

This mileage proposed for addition to the road system for maintenance totals 672 miles, and the estimated cost of ordinary maintenance of this additional mileage for the first year is \$294,000.00. The report is submitted without formal recommendation. The Chairman asks the Board to consider each item on the list separately, with a view to its



Florida Highways

Published Monthly
Official Bulletin of the State Road Department

PERSONNEL OF DEPARTMENT

ROBERT W. BENTLEY (*Bradenton*), *Chairman*
(*Official Residence, Tallahassee.*)

W. A. SHANDS, <i>Gainesville</i>	} <i>Members</i>
MALLIE MARTIN, <i>Crestview</i>	
GEORGE B. HILLS, <i>Jacksonville</i>	
ERNEST R. GRAHAM, <i>Pennsuco</i>	
KARL ROESCH, <i>Tallahassee</i> , <i>Secretary</i>	

PERSONNEL OF EMPLOYEES IN GENERAL CHARGE OF THE WORK OF THE DEPARTMENT

Engineering Division

B. M. Duncan, Tallahassee.....	State Highway Engineer
L. K. Cannon, Tallahassee.....	Ass't. State Highway Engineer
W. I. Nolen, Tallahassee.....	Bridge Engineer
H. C. Weathers, Gainesville.....	Testing Engineer
F. W. Berry, Jr., Tallahassee.....	Office Engineer
W. L. Thorpe, Gainesville.....	Supt. of Equipment
E. K. Fogg, Pensacola.....	1st Division
Counties—Bay, Calhoun, Escambia, Franklin, Gadsden, Gulf, Holmes, Jackson, Jefferson, Leon, Liberty, Okaloosa, Santa Rosa, Wakulla, Walton, Washington.	
M. P. Philips, Lake City.....	2nd Division
Counties—Baker, Bradford, Clay, Columbia, Dixie, Duval, Hamilton, Lafayette, Madison, Nassau, St. Johns, Suwannee, Taylor, Union.	
R. L. Bow, West Palm Beach.....	3rd Division
Counties—Brevard, Broward, Collier, Dade, Glades, Hendry, Indian River, Lee, Martin, Monroe, Okeechobee, Palm Beach, St. Lucie.	
L. B. Thrasher, Ocala.....	4th Division
Counties—Alachua, Citrus, Flagler, Gilchrist, Hernando, Lake, Levy, Marion, Orange, Putnam, Seminole, Sumter, Volusia.	
R. K. Van Camp, Lakeland.....	5th Division
Counties—Charlotte, DeSoto, Hardee, Highlands, Hillsborough, Manatee, Osceola, Pasco, Pinellas, Polk, Sarasota.	

Auditing Division

S. L. Walters, Tallahassee.....Auditor

B. A. Meginniss, Attorney for the Department,
Editor and Business Manager.

Application has been made for transmission through the mails as second class matter.

Volume VIII January, 1931 Number 1



FLORIDA HIGHWAYS

EFFECTIVE with the present issue, FLORIDA HIGHWAYS becomes the official bulletin of the State Road Department, and all advertising is eliminated from its pages.

A resolution by the Department, adopted at the meeting in Jacksonville in January, as shown by the minutes published elsewhere, defines and adopts the new policy. It was the opinion of the members of the Department that the bulletin should continue to be distributed to the members of the legislature, members of the cabinet, judges, county commissioners, county clerks, county engineers and others interested in road construction and maintenance, and that it should be issued as a state bulletin without asking support of advertisers.

Hereafter, the scope of the publication will be somewhat narrowed and the bulletin will carry the news and plans of the Department, with only occasionally an article of more general interest and outlook.

THE BUDGET FOR 1931

In the minutes of the recessed meeting held at Jacksonville, January 23rd, will be found the tentative budget adopted for road construction, maintenance and betterments for the year 1931.

This, as is generally known, is not the final budget, but, under the law, a public hearing must be had on the same at which an opportunity is given the public to offer complaints and suggestions. Thereafter the Department acts on such complaints and suggestions and adopts the permanent or final budget for the year.

The date of the public hearing referred to has been set at February 18th, and the place as Ocala. Besides the budget hearing, this meeting will be the regular monthly meeting of the Department for general purposes.

Evidence

Miss Sophia Jones tripped into a lawyer's office. "Can't Ah sue dat no-good Rastus Smiff fo' somepin, mister? He promised to marry me, dat he did, an' yistiddy he 'loped wid another gal."

"Promised to marry you, eh?" mused the lawyer. "Well, have you anything in black and white to show for it?"

"No, suh," replied Sophia. "Jest black is all."

"Gosh," exclaimed the young doctor, looking at the car he was thinking, thinking, thinking, of buying, "the mere sight of it sets up violent cardiac disturbances, superinduces dryness of the palate, epiglottitis and larynx, brings on symptoms of vertigo and raises the diatolic blood pressure 20 centimeters."—The Garageman.

Try Frogs' Legs

"I've eaten beef all my life, and now I'm as strong as an ox!" said he.

"That's funny," replied she. "I've eaten fish all my life and I can't swim a stroke."—Tit-Bits.

value to the road system, the possibility of maintaining it, or whether the item is not really one of construction; and the necessity for relief to the county in which the road is situated.

In connection with these requests for additional mileage to be put under maintenance, you should also take into consideration the growing size of our maintenance budget due in part to the ordinary wear and tear making necessary re-treatment of many miles of our surface-treated rock-base and sand-clay-base roads, and reconditioning of poorly constructed county roads that have been taken over for maintenance by the State. It is interesting to note that the mileage under state maintenance has almost doubled in the past three years, as shown by the following figures:

Years	Mileage
1927	2,200
1928	2,795
1929	3,331
1930 (end)	4,025

If all of the 672 miles now proposed is added to the maintenance budget, we will be taking care of 4,679 miles, or an increase of more than 100 per cent. since 1927.

Good progress is being made on all contracts and force account work at this time.

Sincerely yours,

ROBERT W. BENTLEY, Chairman.

On motion of Mr. Martin, seconded by Mr. Hills, said report was received and ordered filed.

Franklin County

Dr. A. S. Ham and Mr. D. I. Marshall, members of the Board of County Commissioners of Franklin County, appeared before the Department and requested that an item be included in the Budget for 1931, covering the construction of six miles of State Road 10 just west of Apalachicola on the new location.

Lake County

Senator T. G. Futch and Mr. George F. Westbrook of Lake County requested the Department to include in its Budget for 1931 the maintenance of Roads 22, 55, 36 and 25 in said county.

Northwest Florida Association

Representatives of the Northwest Florida Association appeared before the Department, as follows: C. H. Overman, Santa Rosa County; F. W. Marsh, Escambia County; Will West, Santa Rosa County; L. H. Hughes, Okaloosa County; Dr. L. F. Cawthon, Walton County; H. H. Wells, Holmes, Jackson and Washington Counties; F. M. Holbrook, Jackson County; C. P. Russ, Bay County; and E. Clay Lewis, Gulf County. The members of this Association presented to the Department requests as set out below:

Mr. C. H. Overman made the following general requests: That the Department restore to its former condition the fill across Escambia Bay, damaged by the recent storm; that it eliminate the dangerous railroad crossing on Road 1 west of Milton; that it put in the ten mile section of paving on Road 1 between Cottondale and Chipley; and that the bridges across Garnier's Bayou and Choctawhatchee River on Road 10 be constructed and the grade on said road surfaced.

Escambia County—That the State take over for maintenance Road 87, known as the Molino-Atmore Road, as soon as the county has completed the stand-

ard grade; and that the State also take over for maintenance Road 125 to the Lillian Bridge.

Santa Rosa County—That the State not only continue the maintenance of Road 37 between Milton and Brewton, Alabama, but that it put on a betterment program for the said road; that the Department construct as much of State Road 62, which runs from near Century, on Road 7, to Milligan, on Road 1, as is possible, beginning at the west end of the road.

Walton County—That the Department give attention to the requests which will be submitted for said county through the member from the Third Congressional District.

Washington, Holmes and Jackson Counties—That the Department construct as early as possible State Roads 39 and 52; that the State surface and maintain Road 90 from Marianna to Neal's Landing; that the State surface and maintain Road 98 from Cottondale to Graceville, and that it construct the road from the State line north of Graceville to Chipley.

These requests were supplemented by State Senator H. H. Lewis, who stated that he will introduce legislation looking to continuing the road from Marianna to the Florida Industrial School through to a connection with State Road 20.

Bay County—That the State continue its program of construction on Roads 20 and 10.

Gulf County—That the State replace with a permanent structure the barge bridge at White City, on Road 6.

State Road 28 Association

A delegation representing State Road 28 Association, and headed by Hon. E. S. Matthews as president, brought to the Department the requests of said Association with reference to its program on Road 28 in 1931. They asked that the Department hard-surface the road from Florahome to Palatka and finish the grade on said road. They were informed by the Chairman that the Bureau of Public Roads has authorized advertisement for bids on Projects 72-A and C and that it will be necessary for Bunnell, San Mateo and Andalusia to enter into the usual traffic agreements.

Judge J. V. Walton, County Attorney of Putnam County, agreed to secure execution of these agreements.

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be and he is hereby authorized to advertise for bids for the hard-surfacing of that section of State Road 28 between Florahome and Palatka, bids to be returnable at the February meeting.

State Road 3 Improvement Association

A large delegation representing State Road 3 Improvement Association and headed by E. W. Brown of DeLand as chairman, appeared before the Department with reference to said Road 3. This delegation requested that the Department during 1931 construct as a unit of State Road 3 what is known as the Lake Shore route in Sanford and replace the bridge across Monroe Lake. They were informed that both projects had been placed in the tentative budget.

State Road 44

Senator J. J. Parrish of Titusville requested that the Department place in its 1931 budget an item of \$100,000 for the betterment of State Road 44.

Limerock Companies

Representatives of the limerock industry of Florida appeared before the Department with reference to the specification of 12-9-12 rock base, instead of 8-inch rock base which has been for some years in use in connection with high type road construction. Mr. G. G. Ware of Crystal River Rock Company and Senator J. Turner Butler representing Duval Engineering & Contracting Company acted as spokesmen in protesting the new specification. It was brought out in the discussion that this change had been made in the design of the limerock base, due to certain conditions that developed in the 8-inch limerock base where heavy traffic is found. It was also brought out that limerock base had been increased from 8-inch to 12-9-12-inch, or an average of 10½ inches, and the asphalt had been reduced from 3 inches which was constructed in two courses to a thickness of 2 inches in one course for a hot mix and for 1½ inches in a single course for cold mix.

Others who appeared before the Department on this subject were: C. H. Lloyd, Cummer Lumber Company; T. A. Thompson, Alex Brest and George Hodges of Thompson Williston Mine Company; M. N. Horne of Dixie Lime Products Company; C. G. Rose, Ocala Lime Rock Corporation; L. B. McLeod, White Rock Company; J. A. Prater, Ocala-Tampa Lime Rock Company; J. H. Craggs, Williston Shell Rock Company; C. H. Shultz, Connell & Shultz; A. M. Lewis, Marianna Lime Products Company.

Broward County

Senator A. H. Wagg, Russell Snow and Mr. Barnes, member of the Board of County Commissioners, presented requests of Broward County to the Department, as follows: That the Department hasten its survey on Road 26; that it take over for permanent maintenance Road 149 known as the West Dixie Highway, old State Road 4 and Road 140; that it take over for maintenance State Road 26 from Fort Lauderdale west, and that it let a contract for the construction of the Hollywood project on Road 4 in said county.

On motion of Mr. Graham, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to advertise for bids for the Hollywood project, on State Road 4 in Broward County, said bids to be returnable at the February meeting, or as early thereafter as possible.

Dade County

Messrs. J. D. Redd, Cecil A. Turner and F. G. Railey presented to the Department the request of Dade County, that the survey on Road 26 and 26-A

be hastened and also that the State take over for maintenance State Road 140.

Palm Beach County

A delegation from Palm Beach County, headed by Senator A. H. Wagg and I. I. Himes, county commissioner, presented to the Department the following requests of Palm Beach County: That the State take over for maintenance Road 140 and old State Road 4; that it maintain State Road 143; that the betterment on State Road 25 be continued; that the State take over the three-mile stretch from West Palm Beach to what is known as the Military Trail; that it construct State Road 4 from Jupiter south to Kelsey City and that Road 4 in Delray and Lake Worth be widened.

On motion of Mr. Shands, seconded by Mr. Martin, the Department was adjourned until two-thirty o'clock P. M.

AFTERNOON SESSION, 2:30 O'CLOCK

Present as at morning session.

Award of Contract

The Chairman called to the attention of the members the fact that there has not heretofore been any formal award of contract for slag to be used on Project 17, Manatee County, bids on which were taken in December.

On motion of Mr. Martin, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that this Department does find and determine that Birmingham Slag Company is the lowest responsible bidder on slag to be used on Project 17, Road 5, Manatee County, bids on which were received in December.

BE IT FURTHER RESOLVED, that contract for same be and the same is hereby awarded to said Birmingham Slag Company, at and for its bid price of \$9,870.00, less the usual 5 cents per ton.

Award of Contracts

On motion of Mr. Hills, seconded by Mr. Graham, the following resolution was adopted:

WHEREAS, this Department on January 12th received bids for the construction of certain projects and for the furnishing of certain materials and supplies, as hereinafter listed; and

WHEREAS, the firms and individuals hereinafter named were and are hereby declared to be the lowest responsible bidders therefor; Now, Therefore,

BE IT RESOLVED, that contracts be and the same are hereby awarded for the construction of such projects and for the furnishing of such materials and supplies, as follows, to-wit:

Construction					
Proj.	Road	County	Type	Bidder	Price
67	50	Hamilton	Concrete Bridge	Austin Bros. Bridge Co.	\$ 47,266.40
		Suwannee			
60-B	4	Flagler-Volusia	Concrete Drainage Structures	Fred D. Beasley, Inc.	99,787.52
879-B	1	Escambia	Concrete Bridge	Soule Cont. Co.	8,996.02
892	30	Indian River	Broken Stone Base Surface Treated.....	Fred D. Beasley, Inc.	147,195.31
Materials					
Proj.	Road	County	Material	Bidder	Price
840	115	Walton	Treated Timber	Pensacola Creo. Co.	\$ 1,417.42
803	10	Okaloosa	Liquid Asphalt	Standard Oil Co.	21,840.00
876-C	78	St. Johns	T C 1 Prime	American Tar Prod. Co.	2,386.20
Equipment					
20	No. 21½	Sidney Wheelers,	McDonald-Burgman Co. @\$81.00		\$ 1,620.00
1	5-ton	Tractor, Caterpillar,	Burgman Tractor Equipment Co.		2,514.00

Mule Feed

Hagin-Peters Company, Jacksonville, Grain	438.00
Lewis Bear Company, Pensacola, Grain	3,231.33
Lewis Bear Company, Pensacola, Hay	592.00
R. P. Atwood Company, St. Louis, Hay	1,278.00

Convict Rations

Hagin-Peters Company, Jacksonville, Groceries	3,032.70
Daffin Mercantile Co., Marianna, Groceries	311.30
Lewis Bear Company, Pensacola, Groceries	1,342.15
C. W. Zaring & Co., Jacksonville, Groceries	2,497.88
Cudahy & Company, Tampa, Meats	457.80
Swift & Company, Jacksonville, Meats	2,785.11
Wilson & Company, Pensacola, Meats	1,501.17

Mules

44 Mare Mules, W. M. Igou, Eustis, @ \$170.00	7,480.00
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Project 73-C, Road 17, Polk County

Award of Contract

On motion of Mr. Bentley, seconded by Mr. Graham, the following resolution was adopted:

WHEREAS, this Department on January 12th received bids for the paving of Project 73-A, Road 17, Polk County; and

WHEREAS, John J. Quinn, Inc., was the lowest responsible bidder on said project for the construction of concrete; now, therefore,

BE IT RESOLVED, that contract be and the same is hereby awarded to John J. Quinn, Inc., for the construction of a concrete pavement on said project, at and for its bid price of \$150,437.04.

On the passage of the above resolution Messrs. Shands and Hills voted "no."

Orange County—Road 2

Senator Franklin O. King, of Orlando, requested that the Department make arrangements to complete the construction of State Road 2 from Colonial Drive to Church Street in the City of Orlando.

On motion of Mr. Hills, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to have the present paving contract on State Road 2 in the City of Orlando extended to Church Street, provided this extension can be had at no greater cost to the Department than the unit prices in the present contract.

BE IT FURTHER RESOLVED, that in the event that it shall be found necessary to pay for the same at unit prices greater than those in the present contract, that the Chairman be authorized to endeavor to have the City of Orlando pay to the contractors the increase in such cost.

Mr. J. D. Manley, of Manley Construction Company, contractor on Project 74, being present, the Chairman took up with him the matter of said extension. Mr. Manley stated that his company would not be willing to make the extension at the present unit prices, but that he will as early as possible submit a schedule of prices which will be acceptable.

Pinellas County

Mr. C. E. Burleson, County Engineer, and Hon. Karl B. O'Quinn, Clerk of the Circuit Court of Pinellas County, appeared before the Department and stated that they understood that the Department will this year make provision for the widening of State Road 15 between Clearwater and Largo, and the re-sealing of State Roads 15, 17 and 64 in said county. In addition, they asked that the State complete at the earliest possible moment State Road 15 in its entirety.

Levy County

Mr. A. F. Knotts, of Yankeetown, presented to the Department a resolution adopted by the Board of

County Commissioners of Levy County, asking that the Department place the roads from Chiefland south (Road 81) and from a point on Road 81 south to where the Gulf Coast Highway (Road 15) crosses the Withlacoochee River, thence south to Aripeka, in the 1931 budget, and that said Road Department request that these roads be included in the Federal aid system.

Mr. Knotts also requested the construction of State Roads 81 and 160.

Duval County

Messrs. William P. Belote, Chairman, Charles W. Herlong, member of the Board of County Commissioners, and Earl P. Luce presented to the Department the projects requested by Duval County for the year 1931, which are as follows:

(1) State Road No. 3, widen present pavement to 20 foot width, from the Jacksonville Municipal Airport to the Nassau County line.

(2) Take over Atlantic Boulevard, County Road No. 2, for maintenance as part of State Road No. 78.

(3) Start work on South Jacksonville-Bayard cut-off of State Road No. 4.

(4) Take over San Jose Boulevard, County Road No. 26, from South Jacksonville to the intersection of State Roads Nos. 47 and 4, for maintenance and improvement.

(5) Extend and widen State Road No. 1, from Baldwin west to Lake City.

(6) Extend and widen State Road No. 1, from Hart Haven to McDuff Avenue.

Polk County

Senator J. J. Swearingen of Polk County requested that the Department make provision for the surfacing of State Road 2 from the Hardee County line north to Bartow; that it maintain State Road 2 from Haines City north to the Osceola County line, and maintain Road 2 from Groveland through Polk City towards Lakeland.

Hillsborough County

The members of the Board of County Commissioners of Hillsborough County, accompanied by their engineer, presented to the Department items in which that county is interested in 1931. They asked for the betterment of State Road 5 south of Alafia River; for the maintenance of that portion of Road 23 in Hillsborough County not now under maintenance, and for the construction of State Road 17 between Plant City and the Polk County line.

They were informed, in answer to an inquiry, that the Department expects shortly to let a contract for the construction of Road 5 from the Pasco County line to Sulphur Springs.

Pasco and Hernando Counties

A delegation representing Pasco and Hernando Counties, composed of Senator S. W. Getzen, Walter Gall and B. A. Thomas, appeared before the Department. They requested that the State continue maintenance of State Road 23; that it let contracts on the bridges and overpass in Hernando and Pasco Counties, and that State Road 156 be surveyed and constructed. They also requested that the State take over for maintenance Road 15 from the point where the maintenance now ends to Brooksville.

Senator Getzen extended to the members an invitation to hold the March meeting at Dade City.

St. Lucie County

Mr. Charles Edwards presented to the Department a request that the State take over for maintenance that portion of Road 162 (about nine miles) which

has been constructed by his county; he also requested that the Department take over for maintenance Road 140 in said county.

Martin County

Mr. A. O. Kanner, of Martin County, requested that the Department take over for maintenance the Gaines and Martin Highways, roads 111 and 109, and that it also maintain the Atlantic Ocean Boulevard in said county.

Indian River County

Senator A. W. Young of Vero Beach requested that the Department take over for maintenance the Atlantic Ocean Boulevard in Indian River County.

Orange County

Mr. C. Fred Ward, representative of Orange County, requested that the Department make provision in this year's budget for the widening to 20 feet and the resurfacing of Road 22 west from Orlando through Winter Garden to the county line.

St. Johns County

A delegation from St. Johns County, composed of L. A. Braswell, H. H. Bailey and Frank Parker, presented the following requests: that the Department continue its present work on State Road 47; that it maintain State Road 14 from Hastings to new Road 4; that it place a surface on State Road 47 between Hastings and the end of the new construction, and that the Horne road bridge at the east end of Road 48 be included in the maintenance and betterment budget. This delegation also requested the maintenance of the old brick road in said county, but were informed that the Department has no legal authority to maintain this road and that their request should be made to the legislature.

Mr. Parker also requested that an item be placed in the 1931 budget to continue the surfacing of State Road 85.

Sumter County

A delegation from Sumter County, headed by Senator S. W. Getzen, appeared before the Department with a number of requests. They asked that the Department lend to the county the money necessary to pay condemnation awards for rights of way on Roads 70, 71, 22, 23 and 36 because the county has not the funds to make payment for said awards. They requested that the State maintain Roads 22 and 36 throughout their length; that a contract for the construction of Road 70 be let during 1931, and that the Department place in its budget for 1931 an item towards the construction of Road 23 from Webster to Lakeland.

Volusia County

There appeared before the Department a delegation from Volusia County composed of Ben D. Thursday, chairman, and Messrs. Bedford Jones and Clark Harper. These gentlemen requested that the State construct Road 19 from Astor to Barberville and that it maintain the following roads in Volusia County: Road 140, the Atlantic Ocean Boulevard, Road 21 from Daytona to DeLand, Road 75 from New Smyrna to DeLand, and Road 57 from New Smyrna to Sanford.

Wakulla County

Messrs. H. N. Walker, Sr., and H. N. Walker, Jr., and George B. Perkins comprised a delegation from Wakulla County. They requested that the Department place in its budget for 1931 the other link of Road 10, namely the road from Newport to Lanark, and that the Department construct at the earliest possible moment the three-mile stretch between Wa-

kulla Station and St. Marks. They were informed that an item is in the tentative budget for the latter purpose.

On motion of Mr. Shands, seconded by Mr. Hills, the Department was adjourned until nine o'clock A. M., Thursday, January 15th.

THURSDAY, JANUARY 15, 9:00 O'CLOCK A. M.

Present as on yesterday.

Reorganization of the Department

On motion of Mr. Hills, seconded by Mr. Graham, the Department proceeded to the reorganization for 1931, and the Chairman declared nominations in order for Chairman.

Mr. Hills nominated Mr. Bentley for re-election, which motion was duly seconded by Mr. Graham. Mr. Hills assuming the chair, Mr. Shands moved that nominations be closed and that the Secretary cast the unanimous vote of the Department for Robert W. Bentley as chairman. This motion, seconded by Mr. Graham, was duly adopted. Thereupon the secretary cast the ballot of the members for Mr. Bentley for Chairman and he was declared re-elected Chairman of the Department for the year 1931.

Election of Secretary

On motion of Mr. Graham, seconded by Mr. Shands, Mr. Karl Roesch was re-elected Secretary of the Department for the year 1931.

Consideration of Tentative Budget

The members here entered upon a discussion and consideration of items to be placed in the budget of construction, betterment and maintenance for the year 1931.

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the members take the suggestions which have been offered for inclusion in the budget and go over the same and that each member report back his recommendations as to requests in his congressional district, such recommendations to be made after lunch today.

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that it is the policy of this Department that items which appeared in the budget for 1930 be first undertaken and completed before new work included in the budget is begun.

\$87,000 Madison County Road Bonds

The Chairman stated to the members that he had received offers from parties in Greenville and Monticello for the remainder of \$31,000 of Madison County bonds which the Department has applicable to the construction of State Road 35, such offers being for 85% of par and accrued interest.

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to sell and deliver, at and for the price of 85% of par and accrued interest, the remaining \$31,000 of bonds turned over by Madison County for the construction of State Road 35.

On motion of Mr. Graham, seconded by Mr. Hills, the Department was adjourned until two o'clock P. M.

AFTERNOON SESSION—2:00 O'CLOCK

Present as at morning session.

Consideration of Tentative Budget

The members resumed the consideration of items to be placed in the 1931 budget of construction, betterment and maintenance work.

Designation of State Road 140

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that State Road 140 be and the same is hereby designated as follows: The Atlantic Beach Boulevard so far as the same has been up to this date constructed in the several counties along the route of said road, and the old State Road 4 for the connecting links where said Atlantic Beach Boulevard has not yet been constructed.

Emergency Federal Projects

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to advertise for bids for the construction of those pending Federal-aid projects which are regarded as emergency projects in the light of the present Federal authority for the extension of additional funds, and the Chairman be and he is further authorized to award contracts on such projects to the lowest responsible bidder in each case, on the telegraphic authority of each member of this Department.

Recess

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that when the Department recesses today, it be to meet in Jacksonville at ten A. M. Friday, January 23rd.

Duval County

The Chairman presented to the members a resolution from the Board of County Commissioners of Duval County, asking that the Department widen State Road 1 from Hart Haven to McDuff Avenue in Jacksonville. It was the consensus of opinion that the Department is not in position to comply with this request at this time.

Sumter County—Loan of Money

The Department took up again the consideration of requests submitted by Sumter County, that the Department extend to Sumter County a loan of not to exceed \$10,000, to pay awards in condemnation suits for rights of way on several roads in said county. The Attorney for the Department expressed doubt as to the legal right of the Department to make such a loan. Whereupon, on motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, the Attorney for the Department has expressed doubt as to the legal right of the Department to advance monies to Sumter County to be used to pay condemnation awards for rights of way on certain state roads; now, therefore,

BE IT RESOLVED, that in view of said advice, this Department does decline to comply with said request of Sumter County.

Lots in Hawthorn—Road 14

The Chairman submitted to the members a letter from the Seaboard Air Line Railway Company asking if the Department would be willing to submit to arbitration the value of the lots in Hawthorn which have been in dispute between said railway and this Department.

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to advise the Seaboard Air Line Railway Company that this Department is not in favor of submitting to arbitration the question of the value of the lots at Hawthorn.

Cordon Counts at State Borders

The Chairman submitted to the members a letter from the representative of the Bureau of Public Roads, in which this official stated that it will be impossible for him to do anything further along the line of cordon counts at State borders until some time this coming fall, and asking the indulgence of the Department until that time.

Okeechobee County—Suit on Bonds

The Chairman submitted to the members a letter from G. C. Durrance, County Attorney of Okeechobee County, stating that suit has been brought against Detroit Fidelity & Surety Company to recover on the bonds of three county commissioners who were removed from office on account of releasing bonds to the Peoples Bank, and asking the State Road Department to join in the suit.

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that this Department does authorize the County Attorney of Okeechobee County to make this Department a party plaintiff in a suit to be brought against Detroit Fidelity & Surety Company and three members of the Board of County Commissioners who were removed from office on account of releasing to the Peoples Bank of Okeechobee certain bonds which had been placed with the county as collateral security for a deposit of funds, the said deposit having since the close of said bank been assigned to this Department.

Project 654-B—Chipola River Bridge Claim

The Chairman submitted to the members the report of the State Highway Engineer on the matter of the claims of Atlantic Bridge Company, growing out of the construction of Project 654-B, Chipola River bridge. According to the said report, the Engineer recommended that the Department allow the following on account of said claim:

Item No. 1	\$ 279.00
Item No. 2-A	1,554.70
Item No. 2-B	360.55
15% Items 2-A, 2-B	287.29
Item No. 4	1,144.80
Item No. 8	409.49

Total\$3,959.62

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, that the report of the Engineer in connection with the claims of Atlantic Bridge Company on Project 654-B be and the same is hereby received and approved.

BE IT FURTHER RESOLVED, that the Chairman be and he is hereby authorized to offer to Atlantic Bridge Company the amount of \$3,959.62, recommended by said Engineer as payment in full of all claims.

Correction of Minutes

Upon motion of Mr. Graham, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, at the meeting of the State Road Department held in July a resolution was adopted referring to the San Sebastian River Bridge, Road 4, and authorizing the Chairman to make application to the War Department for approval of the construction of said bridge according to certain sheets; and

WHEREAS, the sheets as submitted did not correspond with the numbers indicated in said resolution; Now, Therefore,

BE IT RESOLVED, that the minutes of said meeting be corrected so that said resolution shall read as follows, to-wit:

Road 4—San Sebastian River Bridge

On motion of Mr. Hills, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to make application to the War Department for their approval of the construction of a bridge over San Sebastian River, Road 4, located at St. Augustine, in St. Johns County, Florida, which said bridge shall be constructed according to the plans submitted by the Department, said plans consisting of three sheets, Sheet No. 1 showing the location map and section typical span, and plan and elevation of the channel span; Sheet No. 2 showing the location and soundings, and Sheet No. 3 showing the general plan and elevation of the bridge.

Road 149—Bridges

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that this Department does take over for maintenance the bridges on State Road 149 which were not taken over for maintenance when maintenance of the road was assumed by the Department.

Project 534—Road 24

The Chairman submitted to the members the report of the Engineer in the matter of the claim of Massachusetts Bonding and Insurance Company, growing out of the construction of Project 534, Road 24, Brevard County. Said report of the Engineer shows the Department is not indebted to the Massachusetts Bonding and Insurance Company in any sum, but, on the contrary, there is a balance due to the State Road Department of \$618.10 from said Massachusetts Bonding and Insurance Company, on account of overpayment on said contract, this amount not taking into consideration any liquidated damages for delay.

On motion of Mr. Hills, seconded by Mr. Martin, the following resolution was adopted:

BE IT RESOLVED, that the Department does receive and approve the report of the Engineer in the matter of the claim of Massachusetts Bonding and Insurance Company on account of construction of Project 534, Road 24.

BE IT FURTHER RESOLVED, that the action of the Attorney for the Department in demanding refund of the amount of overpayment to said Massachusetts Bonding and Insurance Company, in the sum of \$618.10, be and the same is hereby approved.

Proj.	Road	County	Material	Bidder	Price
875	23	Hernando	Sand	A. R. Merrill Co.	\$ 511.50
875	23	Hernando	Crushed Stone	Marshall Spencer Co. (Del'd)	1,836.00
875	23	Hernando	Cement	Fla. Portland Cement	2,187.90
875	23	Hernando	Reinf. Steel	Booker & Company	1,221.20

Advertisement for Bids for Certain Projects

After considerable discussion, it was the consensus of opinion of the members that advertisement for bids for projects shortly to be sent out should be on the following basis:

Proj. 77, Jackson and Washington Counties, Road 1—Competition of Types.

Proj. 79, Sarasota County, Road 5—Lime rock base, surface treated.

Proj. 60-A, Flagler and Volusia Counties, Road 4—Concrete pavement.

Proj. 76, Hillsborough County, Road 5—Concrete pavement.

Proj. 78, Broward County, Road 4—Concrete pavement.

Road Construction During 1930

The Chairman reported to the members the

Purchase of Tires

The Chairman called the attention of the members to the fact that the contract for the purchase of tires is now expired. He stated his belief that the purchase of tires by this method has been of considerable benefit to the Department, and recommended that it continue to pursue this method of tire purchase.

On motion of Mr. Hills, seconded by Mr. Martin, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to advertise for bids for the requirements of this Department for tires for the next six months, using as the form of advertisement for bids the form heretofore used in connection with this matter.

Expense Accounts Approved

On motion of Mr. Bentley, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the expense accounts of the members be and the same are hereby approved, as follows, to-wit:

Robert W. Bentley	\$ 56.99
George B. Hills	40.39
George B. Hills	48.75
Wm. A. Shands	40.78
Wm. A. Shands	37.60
Wm. A. Shands	28.60
Wm. A. Shands	83.19
Mallie Martin	12.28
Ernest R. Graham	115.54

Center Stripe on Roads

Mr. Shands called attention to the fact that in his judgment the Department should use more center stripe on its roads wherever traffic makes the center stripe desirable. The Chairman and State Highway Engineer stated that they would get prices on center stripe and submit them to the Department at an early meeting.

Award of Contracts Approved

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, this Department on December 22nd, 1930, received bids on certain materials; and

WHEREAS, the firms and individuals hereinafter named were and are hereby declared to be the lowest responsible bidders therefor; Now, Therefore,

BE IT RESOLVED, that the action of the Chairman in awarding contracts be and the same is hereby approved, which said contracts are as follows, to-wit:

amount of construction by types during the year 1930, which said report is as follows, to-wit:

	Miles
Lime rock base, light surface treatment	176.10
Bituminous concrete (8-inch rock base)	13.89
Concrete	43.29
Macasphalt (12-9-12-inch rock base)	4.89
Sand-clay base, surface treated	61.00
Total	299.17

Dade City Invitation

It was decided to defer action on the invitation of Dade City to hold the March meeting in that city until the Department meets at Ocala in February.

On motion of Mr. Shands, seconded by Mr. Martin, the Department was recessed to meet at Jacksonville at 10 o'clock A. M. Friday, January 23, 1931.

Minutes of Meeting of State Road Department Held at Jacksonville, January 23, 1931

THE State Road Department met at Jacksonville January 23rd, 1931, pursuant to recess from the meeting of January 14-15 held at Tallahassee. The following members were present: Robert W. Bentley, Chairman, William A. Shands, Mallie Martin and Ernest R. Graham. H. J. Morrison, Federal Highway Engineer, B. M. Duncan, State Highway Engineer, B. A. Meginniss, Attorney for the Department, L. K. Cannon, Assistant State Highway Engineer, and F. W. Berry, Jr., Office Engineer, were also in attendance. The Chairman stated that Mr. Hills, member of the department, was confined to his home by illness and was unable to attend the meeting.

State Road 48—St. Johns County.

Messrs. F. J. Parker and H. A. Felkel of St. Augustine again presented to the Department a request that the State continue the maintenance of the East end of Road 48 to the East Coast Railway tracks in St. Augustine.

Road 48—Bradford and Union Counties

The Chairman stated that the Board of Commissioners of State Institutions has requested that the Department during the present year pave that part of Road 48 between Starke and the State Prison Farm which was graded in 1930.

Budget Meeting of the Department

The Chairman stated to the members that the celebration in connection with the Edison Bridge, Project 769, Caloosahatchee River, has been fixed for February 11, which is the date also tentatively agreed upon as the day for the meeting of the Department in February. He stated that he believed the Department should give way to this celebration in order that some or all of the members might attend the celebration.

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the February meeting of the Department be held at Ocala on the 18th of February, instead of the 11th as heretofore determined.

Broward County

The Chairman presented to the members a resolution of the Chamber of Commerce of the City of Fort Lauderdale, requesting that the Department proceed forthwith to advertise for bids for the construction of that section of State Road 4 between Dania and the Dade County line.

Roads 26 and 26-A

The Chairman presented to the members a resolution adopted by the Florida State Federation of Labor, the Rotary Club of Miami and the Miami Chamber of Commerce, requesting the State Road Department to build a highway from the southern end of Lake Okeechobee to the lower East Coast of Florida, following the shortest, most economical and most practical route, and at the earliest possible moment.

Project 654-B

The Chairman presented to the members a letter from the Atlantic Bridge Company stating that while they were willing to accept the sum of \$3,-959.62, tendered in full payment of all claims on

account of the construction of the Chipola River Bridge, Project 654-B, they would like a further allowance for traveling expenses in connection with the claim, amounting to \$792.70. The State Highway Engineer explained that in making up his recommendations, 15 per cent had been allowed on Items 2-A and 2-B, which is all that could be allowed under the contract.

On motion of Mr. Shands, seconded by Mr. Martin, the following resolution was adopted:

BE IT RESOLVED, that the Chairman of this Department be authorized to advise the Atlantic Bridge Company that the Department can not make any allowance further than that which has already been tendered.

Road 3—Sanford—Monroe Fill

The Chairman presented to the members a letter from the County Engineer of Seminole County addressed to the State Highway Engineer, asking if it would be satisfactory with the Department to accept the Monroe Fill as complete if Seminole County can reach an agreement with the Southern Surety Company of New York whereby Seminole County would be able to guarantee the Department payment for the placing of 42,000 cubic yards of fill at the contract price for which the Department lets the work on said Monroe Fill; and with the further understanding that this amount of money shall be paid to the State as soon as the contract is awarded.

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to advise Seminole County that this Department accepts the proposal above outlined, provided the agreement of the surety to same can be promptly secured.

Project 669-V—Tamiami Trail

The Chairman presented to the members a letter from a number of citizens urging that provision be made for drainage of the Tamiami Trail just east of Carnestown. The Chairman likewise presented a letter from R. L. Bow, Division Engineer, to the State Highway Engineer, in which it was estimated that the cost of the proposed ditches will approximate \$12,000 for relief of the drainage conditions near the Trail.

On motion of Mr. Bentley, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that there be and there is hereby appropriated the sum of \$15,000 to relieve the drainage conditions on the Tamiami Trail just east of Carnestown, Project 669-V, and that the work on the same be commenced at the earliest possible moment.

Washington County—Roads 52 and 39

A letter signed by the county officials of Washington County, addressed to the Department, was read, in which it was requested that provision be made in this year's budget for the construction of State Roads 52 and 39, running north and south through Washington County.

Project 75—Gordon River Bridge

The Chairman presented to the members a letter from the State Highway Engineer officially advising that the default heretofore certified on Federal Aid

Project 75, Gordon River Bridge, continues, and recommending that said contract be defaulted and annulled. Mr. Charles G. Strickland, representing the National Surety Company, and Mr. Stanley G. Myers, representing Central Station Equipment Company and other interested parties requested the Department to hold action on this matter in abeyance until the meeting of the Department at Ocala, February 18th, and that they will in the meantime see that the whole matter is satisfactorily straightened out.

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that action on the certificate of default against Central Station Equipment Company on Federal aid Project No. 75 be deferred until the meeting at Ocala, February 18th, in order to permit the surety company and the contractor and others interested to clear up the whole matter.

BE IT FURTHER RESOLVED, that this action shall in no way prejudice the right of the Department to officially declare the default at the February meeting if the same shall not have then by them been adjusted to the satisfaction of the Department.

Expense Accounts Approved

On motion of Mr. Bentley, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the expense accounts of the members be and the same are hereby approved, as follows, to-wit:

George B. Hills	\$41.09
William A. Shands	56.50

Mules Sold

The Chairman brought to the attention of the members a tabulation of bids received on January 20th for the sale by the Department of certain mules, as heretofore authorized.

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

WHEREAS, this Department offered for sale certain mules, and received bids for the purchase of same January 20, 1931; and

WHEREAS, Eugene Rivers of Tallahassee was the highest bidder for said mules located at Camp 32, offering therefor the sum of \$595.00; and

WHEREAS, Geddie & Atkinson of Tallahassee were the highest bidders for the mules located at Camps 12, 3, 26 and 35, bidding therefor the sum of \$460.25; Now, Therefore,

BE IT RESOLVED, that the action of the Chairman in selling to Eugene Rivers, Tallahassee, the mules located at Camp 32, at and for the price aforesaid, and in selling to Geddie & Atkinson, Tallahassee, the mules located at Camps 12, 3, 26 and 35, at and for the price aforesaid, be and the same is hereby approved and confirmed.

Consideration of Budget of Construction, Maintenance and Betterment Work

The members here entered upon the consideration of items to be placed in the Budget of Construction, Maintenance and Betterment for 1931; whereupon the Chairman made to the members the following statement, to-wit:

Gentlemen:

The purpose of this statement is to call to your attention to a situation which is forming in the operations of the State Road Department in connection with the Budget of Construction, Maintenance and

Betterment, being formulated today for the year 1931.

I have reference to the requests by some of the members for inclusion in the budget of certain projects for construction on roads which are not in either the first, second or third preferential lists. Also to requests for maintenance and betterments which, if acceded to, would increase our maintenance and betterments appropriation to approximately \$4,650,000. When you add this to the \$5,400,000 for which the Department is committed on work now under way, a total of slightly more than \$10,000,000 is reached, to which must be added \$1,700,000 in estimates, payrolls, freight and miscellaneous bills as of January 1, 1931, making a grand total in round numbers of \$11,750,000. Against this not reckoning the emergency grant of \$2,200,000 from the Federal Government, our anticipated income is \$9,700,000, which is ample proof that, no matter how desirable it might be to add in so much new mileage for maintenance and betterments, the ability to pay is not in our hands.

Now, as to the construction end: For the first time since this present Board has been in office, there are large requests by the members for work on other than the first and second preferential roads. I feel that it would be well to review briefly the laws under which this Board operates, so that we will have fixed in our minds the limitations placed, by law, upon our activities.

The Act covering the State Road Department contains the following:

"Provided, that the roads designated as roads numbered from 1 to 5 inclusive, and roads No. 8 and 19, said road No. 19 to be built after roads No. 1, 2, 3, 4, 5 and 8 have reached that stage of construction that convicts and material can be transferred on said road No. 19 as will not interfere or delay the completion of said roads numbered 1, 2, 3, 4, 5 and 8 shall be first completed before any new contracts are made for work on any of the other roads herein provided for, but this proviso shall not be construed to interfere in any way with any contracts already made with any county for construction of any part of any road or roads herein designated, nor with the construction or maintenance of such other roads as have heretofore been designated by the State road department and approved by the National Secretary of Agriculture as included in the State and Federal seven per cent highway system, as follows:

"Road No. 6. Alabama line to Marianna.

"Road No. 7. Pensacola to Alabama line at Flomaton, 44 miles.

"Road No. 10. Tallahassee to Georgia line, 18 miles.

"Road No. 13. Baldwin to Gainesville, via Starke, 47 miles.

"Road No. 14. Gainesville to Hastings, via Palatka.

"Road No. 16. Ocala to Road No. 5, 30 miles.

"Road No. 17. Haines City to Tampa, 57 miles.

"Road No. 21. Daytona to DeLand, 22 miles.

"Road No. 24. Kissimmee to Melbourne, 53 miles.

"Road No. 27. Fort Myers to Miami.

"Also, 45 miles to be designated by the State road department and Federal Government as part of the Federal seven per cent system and such further mileage of roads as may be in the future allowed,

allotted and designated by the State Road department and Federal government as part of the Federal seven per cent system.

"Provided, further, that the construction shall begin as soon as possible on roads numbered 5-A, 10, 15 and 20, 28 and that part of road No. 11, extending from the Georgia State line to Monticello, and road No. 47, commencing at a point on road No. 4 south of Goodley's lake, in Duval County, running thence southerly as near as practicable along the St. Johns River to a point on road No. 14, thence to East Palatka, when that stage of construction has been reached on roads 1 to 5 inclusive, and 8 and 19, when labor and equipment may be transferred from roads 1 to 5 inclusive and 8 and 19, that will not delay the construction of said roads 1 to 5 inclusive and 8 and 19."

Thus is set up the first and second preferential systems, with absolute mandate that these shall be built before other roads.

In 1929 the Legislature set up a third preferential system; but so that the Road Department would have guidance in expending money on this latter class, the act relating to each road placed in the third system has the following clause:

"Provided, further, that the construction on the aforesaid road shall begin as soon as possible when that stage of construction has been reached on roads 1 to 5 inclusive, and 8 and 19, 5-A, 10, 11, 13, 15, 20, 28 and 47 when labor and equipment may be transferred from the roads mentioned in this proviso that will not delay the construction of such roads mentioned in this proviso."

I believe the above statement is clear; certainly it states the facts, and the Board should weigh this situation with the utmost care in completing the 1931 budget of construction, maintenance and betterments.

Sincerely yours,
ROBERT W. BENTLEY,
Chairman.

The members then took up the items which have been prepared as a tentative budget and considered the same by congressional districts.

Budget—First Congressional District

On motion of Mr. Bentley, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the items as submitted on the construction budget in the First Congressional District be approved.

Budget—Second Congressional District

Mr. Shands offered the following resolution:

BE IT RESOLVED, that the Department does hereby declare that an emergency exists and that provision be made in the budget for 1931 for the construction of Road 81 in Levy County; for the construction of Road 14 between Newberry and the District line; and Road 103 from Rochelle to Micapony.

This resolution was seconded by Mr. Graham. The Chairman thereupon requested the Attorney for the Department to state whether or not in his judgment the emergency provision of the statute authorizes the inclusion of the construction of an entire road, and to explain what in his opinion is meant by the said emergency provision.

The Attorney, replying, stated that as he construed the provision to which reference is made, it authorizes the Department during the year to do such

emergency work as is necessary to prevent stoppage of travel over any state road, under the Department's jurisdiction and control, the whole of said emergency provision not to exceed in cost the amount set aside for an emergency fund, as provided by the budget law.

The motion being put upon the adoption of the resolution offered by Mr. Shands, the same was adopted. Mr. Bentley asked that his vote be recorded in the negative, and explained his negative vote by stating that in his opinion the act of the Board is illegal, as interpreted by the Attorney.

Mr. Martin explained his affirmative vote, stating that he believed it to be his function to vote with the member of the congressional district as to recommendations made by such member.

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the items shown on the construction budget which have been presented, together with those added by the above resolution, be adopted and approved as the construction budget for the Second Congressional District.

Budget—Third Congressional District

On motion of Mr. Martin, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the items presented on the tentative budget of construction for the Third Congressional District be approved, with the addition thereto of the construction of the Shoal River Bridge.

Budget—Fourth Congressional District

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the items presented as a budget of road construction for the Fourth Congressional District be and the same are hereby approved, with the addition of the following items:

Surfacing of Projects 72-A and C, Road 28,	\$396,000
Surfacing of Project 60-A, Road 4	260,000
Bridge and paving of Road 4, Eau Gallie	200,000

On motion of Mr. Shands, seconded by Mr. Graham, the Department was adjourned until two o'clock P. M.

AFTERNOON SESSION, 2:00 O'CLOCK

Present as at morning session.

Withlacoochee River Bridge—Road 36

Mr. Shands presented to the members a resolution adopted by the Board of Commissioners of Citrus County, in which it was stated that said Board awarded a contract for the construction of the bridge over the Withlacoochee River, on Road 36 in Citrus County; that the contract is based upon State Road Department specifications, and that they are desirous of using Crystal River rock in said work. The resolution requested that the Department approve the use of Crystal River rock, or that it adopt a resolution that said bridge will not be prejudiced with the Department by reason of the use of said rock. They also requested that the Department make a research job of this project, by placing thereon an engineer to observe the mixing of the concrete and all other facts in connection with the construction of the same.

On motion of Mr. Shands, seconded by Mr. Martin, the following resolution was adopted:

BE IT RESOLVED, that the County Commissioners of Citrus County be advised that the Withla-

coochee River bridge project on Road 36 will not be prejudiced with this Department by the use of Crystal River rock; and

BE IT FURTHER RESOLVED, that the Engineer of this Department be authorized to place an inspector on said bridge project, and to make the same a research project insofar as the use of said Crystal River rock is concerned.

**Lake Shore Drive—Road 3—Sanford
Nassau River Bridge—Road 3**

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that there be and there are hereby added to the budget of construction for 1931 the following items: The construction of the Lake Shore Drive, Road 3, Sanford, and the construction of the Nassau River Bridge, Road 3, Nassau County.

Consideration of Maintenance and Betterment Budget

The members here undertook the consideration of the tentative budget of maintenance and betterment items for the year 1931, and the Chairman again called attention to his reference to maintenance and betterments as contained in his statement hereinabove made.

Maintenance and Betterments Budget—Third Congressional District

On motion of Mr. Martin, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that this Department does approve the items of maintenance and betterments as recommended by the Maintenance Engineer for the Third Congressional District, with the addition of the sum of \$40,218.00 for the betterment of roads 41 and 39.

Maintenance and Betterments Budget—First, Second and Fourth Congressional Districts

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the tentative budget of maintenance and betterments presented to the members for the first, second and fourth congressional districts be and the same is hereby adopted, with the addition of the following items, to-wit: The maintenance of the east end of State Road 48 to the East Coast Railway tracks in St. Augustine.

Adoption of Tentative Budget and Designation of Time and Place for Public Hearing

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the proposed Budget of Construction, Maintenance and Betterments work for the year 1931, as prepared by the members of this Department and in words and figures following, to-wit:

ESTIMATED RESOURCES

Balance on Hand January 1st, 1931	\$ 786,156.19
Gasoline Tax 2c Gallon	4,500,000.00
Auto License (70%) Fund	3,100,000.00
Federal Aid Anticipated	3,172,876.00
County Funds on Hand, Due and Anticipated	343,810.00
Total Estimated Resources for Year 1931.....	\$11,902,842.19
10% Reserve for Emergency Work	1,190,284.22
Net Estimated Resources Available for Road Construction and Maintenance for 1931	\$10,712,557.97

Florida State Road Department Budget of Construction Work for 1931

Road No.	Project No.	County	From	To	Length		Allocation
					Feet	Miles	
PAVING CONTRACTS UNDER CONSTRUCTION							
2	74-A	Orange	Plymouth—Orlando		14.37	\$	57,395.33
4	63-A	Palm Beach	Delray—Hillsboro River		9.21		10,619.99
4	63-C	Broward	Hillsboro River—Ft. Lauderdale		13.24		106,969.67
4	608-B-2	Brevard	End of Concrete—Eau Gallie		1.07		44,102.34
11	708	Jefferson	Georgia Line—Monticello		7.98		28,000.27
11	720	Jefferson	Monticello—Capps		9.70		41,878.24
13	741	Alachua	Connection at University of Fla.		1.00		4,506.60
17	73-A	Polk	Auburndale—Carters		3.66		10,700.99
17	73-D	Polk	Haines City—Auburndale		9.92		289,544.58
24	62-A-2	Osceola	Kissimmee—St. Cloud		5.22		32,903.66
24	62-A-3	Osceola	St. Cloud—Holopaw		5.87		17,392.84
24	62-D	Osceola	Holopaw—Brevard County Line		12.66		81,554.60
25	806-A	Hendry	Palm Beach County Line—West		11.00		70,419.31
143	870	Palm Beach	Belle Glade—Pahokee		10.88		45,954.37
Total					115.78	\$	841,942.79
PAVING UNDER CONSTRUCTION—CONVICTS AND CONTRACT							
1	23	Duval	Jacksonville—Baldwin		12.80	\$	94,991.55
1	11	Duval	Baldwin—Project No. 23		7.00		6,022.54
3	884	Duval	Trout Creek—Airport		3.00		80,587.16
5-A	535	LaFayette	Mayo—Taylor County Line		13.10		227,890.92

Florida Highways

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Road No.	Project No.	County	From	To	Length		Allocation
					Feet	Miles	
13	677-B	Levy	Bronson—Ellzy			12.58	176,629.28
14	750	Alachua-Gilchrist	Trenton—Newberry			12.26	46,791.04
19	745	Taylor	Perry—Madison County Line			15.45	79,607.42
20	500-B	Bay	Bayou George—Nixon			12.75	189,316.79
20	500-C	Bay	Nixon—Jackson County Line			12.18	93,388.91
20	515	Jackson	Bay County Line—End of Paving			4.50	53,301.05
25	806-C	Hendry	Project No. 806-A—West			11.00	197,649.51
25	806-D	Hendry	Project No. 806-C—LaBelle			12.69	231,139.46
28	713	Columbia	Watertown—Union County Line			10.00	1,842.50
28	714	Union	Columbia County Line—Lake Butler			9.14	26,888.42
47	727	St. Johns	Spuds—Toward Toco			6.00	101,255.75
78	876-C	St. Johns	Project No. 876-A—St. Augustine			19.20	343,471.66
78	876-A	Duval	Jacksonville Beach—South			8.00	34,430.55
Total						181.65	\$ 1,985,204.51

BRIDGES UNDER CONSTRUCTION—CONTRACTS

3	721-B	Putnam	Rice Creek Bridge		368		\$ 1,800.00
3	57	Nassau	Nassau River Fill			3.50	164,400.12
3	952	Putnam	Dunn's Creek Bridge		360		109,581.96
4	63-B-1	Palm Beach-Broward	Hillsboro River Bridge		191		11,548.21
4	68-A-1	Palm Beach	Palm Beach Canal Bridge		199		9,793.08
4	68-A-2	Broward	Himmarshee Canal Bridge		46.5		3,124.66
4	71	Brevard	Crane Creek Bridge		174		74,474.19
5	70	Charlotte	Peace River Bridge		4,378		482,345.36
5	66	Sarasota	Myakka River Bridge		459		116,601.06
10	802-B	Okaloosa	Rocky and Tom's Bayou		1,986		57,222.80
27	75	Collier	Gordan River Bridge		561		115,740.18
28	715-B	Union-Bradford	New River Bridge		783		69,028.93
48	801-B	Union-Bradford	New River Bridge		718		73,054.71
Total					10,223.5	3.50	\$ 1,288,715.26

GRADING UNDER CONSTRUCTION—CONTRACTS

2	53-D	Lake	Tavares—Mt. Dora			4.48	\$ 65,298.20
2	695	Lake	Eustis—Mt. Dora			2.48	3,929.49
29	869	Glades	Kissimmee River—Indian Prairie Canal			9.04	120,371.09
96	820	Jefferson	Monticello—Waukeenah			9.45	20,997.67
Total						25.45	\$ 210,596.45

GRADING UNDER CONSTRUCTION—CONVICT

0	927	Jackson	Road No. 1—Industrial School			1.86	\$ 16,071.91
0	901	Leon	Road No. 10—S. A. L. R. R.			.50	20,712.83
5	868-A	Levy	Alachua County Line—Williston			7.05	49,230.50
5	868-C	Levy	Williston—Marion County Line			12.33	25,600.30
10	766	Bay	Washington Co. Line—North side West Bay			8.74	6,433.20
10	767	Bay	South side West Bay—Gulf of Mexico			5.27	3,389.21
10	787	Walton	Ebro—Freeport			16.80	144,228.71
10	788	Walton	Freeport—Okaloosa County Line			17.54	25,329.81
10	832	Santa Rosa	Okaloosa County Line—Base Line			16.01	22,398.97
10	833	Santa Rosa	Base Line—Road No. 1			8.01	5,399.35
13	798	Nassau	Callahan—Yulee			15.30	44,430.10
19	845	Taylor	Salem—Athena			8.57	2,293.50
19	846	Taylor	Athena—Perry			10.26	963.38
19	779	Liberty	Leon County Line—Project 830			8.00	69,107.50
23	875	Hernando	Sumter Co. Line—Pasco Co. Line, G. & T. B.			10.14	85,000.00
25	805	Hendry	Lee County Line—LaBelle			9.42	90,000.00
48	801	Bradford	Starke—Raiford			11.78	21,180.71
53	857	Santa Rosa	Road No. 10—Town Point			19.10	110,981.20
83	825	Holmes	Alabama State Line—South			10.37	64,835.87
115	831	Bay	Road No. 10—Walton County Line			7.16	103,249.90
Total						204.21	\$ 915,836.95

CONTRACTS COMPLETE—FINAL ESTIMATES DUE

1	862	Duval	Jacksonville Viaduct		1,420		\$ 2,115.71
1	673	Gadsden	Leon County Line—Quincy			14.97	118.00
2	758	Polk	In Fort Meade			.10	209.58
3	421	Nassau	St. Marys River Bridge		560		819.09
3	884	Duval	Trout Creek—To Airport			3.00	1,339.97
4	63-B-2	Broward	Pompano Canal		203		1,000.00
4	63-B-3	Broward	Middle River Bridge		134		1,000.00
4	68-A	Broward	Approaches to Bridges			.37	3,422.36
5	769	Lee	Caloosahatchee River Bridge		3,600		61,678.88
5	769	Lee	Approaches to Caloosahatchee Bridge			1.89	6,291.59
10	802-A	Okaloosa	Walton Co. Line—Niceville			7.76	7,821.69
10	842	Walton	Horseshoe Bayou—Okaloosa County Line			10.15	9,419.33
10	788	Walton	Freeport—Okaloosa County Line			17.54	17,177.22
17	732	Polk	Lakeland—Auburndale			9.47	3,082.68
17	755	Polk	Haines City—Auburndale			11.22	14,498.65
19	698	Leon	Tallahassee—Leon County Line			12.45	12,556.06
28	717	Bradford	Starke—Clay County Line			10.93	9,317.71
40	752	Walton	Freeport—North			8.72	6,534.97
Total					5,917	108.57	\$ 158,403.49

Florida Highways

Road No.	Project No.	County	From	To	Length		Allocation
					Feet	Miles	
PROJECTS ON FIRST PREFERENTIAL SYSTEM TO BE CONSTRUCTED							
1	77	Jackson-Washington	Chipley—Cottondale			9.10	\$ 218,000.00
1	14	Santa Rosa	Overhead at Milton		150		100,000.00
1	879-B	Escambia	Bridge West Pensacola		64		10,000.00
2	757	Polk	Bartow—Ft. Meade			10.26	*175,000.00
2	758	Polk	Ft. Meade—Bowling Green			11.15	*200,750.00
2	53-D	Lake	Tavares—Mt. Dora			4.50	112,500.00
2		Polk	Haines City—Osceola County Line			10.00	120,000.00
2	695	Lake	Eustis—Mt. Dora Road			2.48	39,680.00
2		Alachua	University Ave.—Project 33			2.50	15,000.00
2		Osceola	Polk Co. Line—Orange Co. Line			8.96	90,000.00
3		Seminole	St. Johns River Bridge		800		150,000.00
3		Seminole	St. Johns River—Sanford			3.00	200,000.00
3	57	Nassau	Nassau Bridges and Surface		975	3.50	*225,000.00
4	60-A	Flagler-Volusia	Korona—Tomoka River			11.75	*336,778.00
4	60-B	Flagler-Volusia	Bridges		784		*107,566.27
4	60-C	Volusia	Tomoka—Daytona			9.50	*450,000.00
4	78	Broward	Dania Canal—Hollywood			6.00	*270,000.00
4		Duval	South Jacksonville—Bayard			12.00	*120,000.00
4	69	St. Johns	San Sebastian Bridge		340		*250,000.00
4		Dade	Miami—Florida City			30.00	*706,000.00
4	641	Palm Beach	Seawall				500,000.00
4	683-A	Palm Beach	Widening at Lake Worth				50,000.00
4	608-B	Brevard	Eau Gallie Bridge		100	2.00	200,000.00
5	76	Hillsborough	Pasco County Line—Six Mile Creek			13.50	*750,000.00
5	70	Charlotte	Approach to Peace River			4.50	*80,000.00
5	615	Sarasota	Venice—Myakka River			10.00	198,000.00
5	868	Levy	Alachua County Line—Marion County Line			18.00	*300,000.00
17	73-C	Polk	Lakeland—Carters			5.22	*165,480.74
17	710-D	Hillsborough	Plant City—Polk County Line			6.00	190,000.00
19	699	Jefferson	Leon County Line—Capps			7.70	125,000.00
19	700	Jefferson	Capps—Madison County Line			9.26	150,000.00
19	744	Madison	Jefferson County Line—Taylor County Line			5.78	104,000.00
28	72-A	Putnam-Flagler	San Mateo—Station 611+00			11.16	*330,000.00
28	72-B	Putnam-Flagler	Bridges		560		*150,000.00
28	72-C	Flagler	Project 72-A—Bunnell			11.79	*331,000.00
50	67	Suwannee-Hamilton	Suwannee River Bridge		461		*51,993.04
74		Marion-Citrus	Ocala—Hernando		60	20.00	105,000.00
Total					4,294	259.61	\$ 7,676,748.05
PROJECTS ON SECOND PREFERENTIAL SYSTEM TO BE CONSTRUCTED							
5-A		Taylor	Perry—Lafayette County Line			14.00	\$ 30,000.00
5-A		Lafayette-Suwannee	Suwannee River Bridge		900		35,000.00
10	787-B	Washington-Walton	Choctawhatchee Bridge		2,500		*350,000.00
10	803	Okaloosa	Camp Walton—Santa Rosa County Line			11.13	44,520.00
10	802-A	Okaloosa	Walton County Line—Niceville			7.76	31,040.00
10	802-C	Okaloosa	Niceville—Camp Walton			10.24	40,960.00
10	788	Walton	Ebro—Freeport			17.54	70,160.00
10	688	Bay	West Bay Bridge—Gulf			7.00	28,000.00
10		Okaloosa	Garnier's Bayou Bridge		2,423		125,000.00
13	677-C	Levy	Elzey—Wylly			9.16	125,000.00
15		Wakulla	Wakulla—St. Marks			4.60	95,000.00
15	794	Hernando	Citrus County Line—Pasco County Line			20.00	*60,000.00
15		Hernando	Brooksville—Wekewachee Springs			15.00	*75,000.00
15		Citrus	Hernando Co. Line—Withlacoochee River			20.00	*75,000.00
28	706-B	Putnam	Florahome—Palatka			14.91	*216,195.00
47	785	St. Johns	Julington Creek—South			11.55	*184,800.00
47	727	St. Johns	Spuds—Tocoi			4.59	*75,000.00
Total					5,823	167.48	\$ 1,660,675.00
PROJECTS ON THIRD PREFERENTIAL SYSTEM TO BE CONSTRUCTED							
19	779-B	Leon-Liberty	Ochlockonee River Bridge		240		\$ 40,000.00
19	724	Leon	Project 723—Ochlockonee River			1.00	8,000.00
23	875-B	Hernando	Overheads		535		125,000.00
53	857	Santa Rosa	Road No. 10—Townpoint			19.10	76,400.00
69		Lafayette	Road No. 19—Mayo			22.00	30,000.00
80		Bradford	Keystone Heights—Melrose			6.00	25,000.00
Total					775	48.10	\$ 304,400.00
PROJECTS ON OTHER STATE ROADS TO BE CONSTRUCTED							
14		Alachua	Newberry—Gainesville Dist. Line			9.69	\$ 30,000.00
19		Volusia	Astor—Road No. 3			6.00	100,000.00
23	902	Sumter	Coleman—Webster			12.33	*75,000.00
26		Broward	Ft. Lauderdale—West			19.00	150,000.00
26		Dade	Miami—North			16.00	150,000.00
35	623	Madison	Greenville—Taylor County Line			12.13	*150,000.00
49		Bradford-Baker	Raiford—Macclenny			18.00	30,000.00
54		Okaloosa	Shoal River Bridge		1,200		60,000.00
67		Glades	Main's Corner—Clewiston			12.00	100,000.00
81		Levy	Chiefland—Marion County Line			18.00	100,000.00
88	826	Holmes	Project 825—Walton County Line			10.00	85,000.00
103		Alachua	Micanopy—Rochelle			8.00	25,000.00
Total					1,200	141.15	\$ 1,055,000.00
PROJECTS AUTHORIZED BY LAW							
0	918	Jackson	State Hospital—River Junction			1.89	\$ 25,000.00
Total						1.89	\$ 25,000.00

MAINTENANCE

Maintenance of Roads Included in Above Construction Budgets and Roads Heretofore Constructed.

Districts	Roads— Number of Miles	Bridges— Number of Feet	Cost Routine Maintenance	Bridge Projects	Betterments	Total for District
1	1,127.98	25,388 0	\$ 556,612.52	\$ 13,115.00	\$ 428,255.80	\$ 997,983.32
2	1,097.25	7,848.0	297,180.98	9,345.00	333,248.82	639,774.80
3	976.76	41,220.0	426,642.06	26,817.60	209,020.00	662,479.66
4	1,492.40	19,142.0	699,926.25	61,563.00	1,310,152.81	2,071,642.06
Total	4,694.39	93,598.0	\$ 1,980,361.81	\$ 110,840.60	\$ 2,280,677.43	\$ 4,371,879.84

* Appeared on 1930 budget.

be and the same is hereby tentatively adopted.

BE IT FURTHER RESOLVED, that the Chairman be and he is hereby authorized and directed to have published in one newspaper in each of the cities of Pensacola, Jacksonville, Orlando, Tampa and Miami, the said proposed budget of work and estimate of resources, together with a notice of the time and place when and at which the Department will hold the public hearing, at which time and place it will hear all complaints and suggestions offered by the public as to any changes in said budget.

BE IT FURTHER RESOLVED, that the Chairman be and he is hereby directed to furnish to each clerk of the circuit court of the State two copies of said budget of work, together with notice of the public hearing above referred to, in accordance with the provisions of Section 1, Chapter 9312, Acts of 1923.

BE IT FURTHER RESOLVED, that this Department does hereby fix Ocala as the place and February 18th, 1931, as the time where and when the Department will hold public hearing on the budget, at which time and place it will hear all complaints and suggestions offered by the public as to any changes in said budget, in accordance with the provisions of Section 1, Chapter 9312, Acts of 1923.

Roads Taken Over for Maintenance by the Department

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that the following named and designated portions of State roads not heretofore maintained by the State be and the same are hereby taken over for maintenance, effective January 1, 1931, to-wit:

FIRST CONGRESSIONAL DISTRICT

Road	County	From	To	Miles
2	Polk	Haines City	Osceola Co. Line	9.80
2	Polk	Polk City	Lake Co. Line	11.65
15	Hernando	Brooksville	Aripeka	19.90
22	Citrus	Crystal River	Sumter Co. Line	22.30
22	Lake	Sumter Co. Line	Orange Co. Line	18.10
22	Sumter	Citrus Co. Line	Lake Co. Line	18.90
23	Hillsborough	Oak Park	Manatee Co. Line	27.10
23	Manatee	Hillsborough Co. Line	Palmetto	9.40
23	Sumter	Bushnell	Co. Line near Rerdell	6.00
32	Highlands	Avon Park	Hardee Co. Line	3.10
32	Hardee	Highlands Co. Line	Manatee Co. Line	29.40
32	Manatee	Hardee Co. Line	Parrish	20.00
55	Lake	Astor Bridge	Road 2 south of Groveland	62.50
86	Charlotte	Punta Gorda	DeSoto Co. Line	10.00
86	DeSoto	Charlotte Co. Line	Arcadia	12.80

SECOND CONGRESSIONAL DISTRICT

16	Marion	Ocala	Road No. 5	20.00
19	Marion	Ocala	Lake Co. Line	32.00
23	Marion	Bellevue	Sumter Co. Line	7.00
38	Marion	Weirsdale	Lake Co. Line	10.60
47-A	Marion	Citra	Orange Springs	12.30
81	Marion	Dunnellon	Levy Co. Line	5.00
100	Marion	Intersection Rd. 38	Lake Co. Line	7.00
99	Alachua	Worthington Springs	Rd. 2 north Gainesville	14.90
77	Levy	Chiefland	Sumner	18.00

FOURTH CONGRESSIONAL DISTRICT

48 & 3	Clay	A. C. L. Ry.	Governors Creek	1.50
14	St. Johns	Hastings	Road No. 4	13.50
140	Volusia	Flagler Co. Line	Daytona Beach	15.10
140	Brevard	Sharpes	Bonaventure	8.10
140	Indian River	Vero	St. Lucie Co. Line	4.50
140	St. Lucie	Indian River Co.	Martin Co. Line	20.50
162	St. Lucie	Ft. Pierce	West	9.00
85	Martin	Stuart	Indian Town and Okeechobee Co.	31.60
109	Martin	Indian Town	Port Myacca	10.40
111	Martin	Stuart	Palm City to Okeechobee	
140	Martin	Indian River Co. Line	Palm Beach Co. Line	20.00
140	Palm Beach	Delray	Broward Co. Line	9.00
	Palm Beach	26 small bridges		
140	Broward	Palm Beach Co. Line	Dade Co. Line	14.90
26	Broward	Road 149	Davie Road	3.50
149	Broward	Bridge Tenders		
140	Dade	Broward Co. Line	Miami Beach	9.00
29	Osceola	Okeechobee Co. Line	Holopaw	35.50
29	Okeechobee	End of Parrott Ave.	Kissimmee River	7.00

Road 10—Shoal River and Garnier's Bayou Bridges

On motion of Mr. Martin, seconded by Mr. Shands, the following resolution was adopted.

WHEREAS, there is a strong possibility that another paper mill will be located at a point on the West Gulf Coast of Florida; and

WHEREAS, the location of said mill at or near Port Dixie will be materially aided by assurance of the construction of the bridges over Shoal River and Garnier's Bayou; Now, therefore,

BE IT RESOLVED, that the Engineers be and they are hereby directed to rush the completion of the plans for the construction of said bridges.

Florida Highways

The Attorney for the Department reported that Florida Highways has ceased to be self-supporting and is losing money at the rate of a little more than \$100 per month, and at the present time is indebted to the extent of approximately \$400. He asked instructions from the members of the Department as to what action should be taken.

On motion of Mr. Shands, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, that beginning with the January issue, the publication Florida Highways shall be the official road bulletin or publication of this Department and shall not carry advertisements.

BE IT FURTHER RESOLVED, that the cost of issuance of said publication shall not exceed \$300 per month.

BE IT FURTHER RESOLVED, that the outstanding obligations of the magazine be paid, upon proper audit of the bills by the Auditor of the Department.

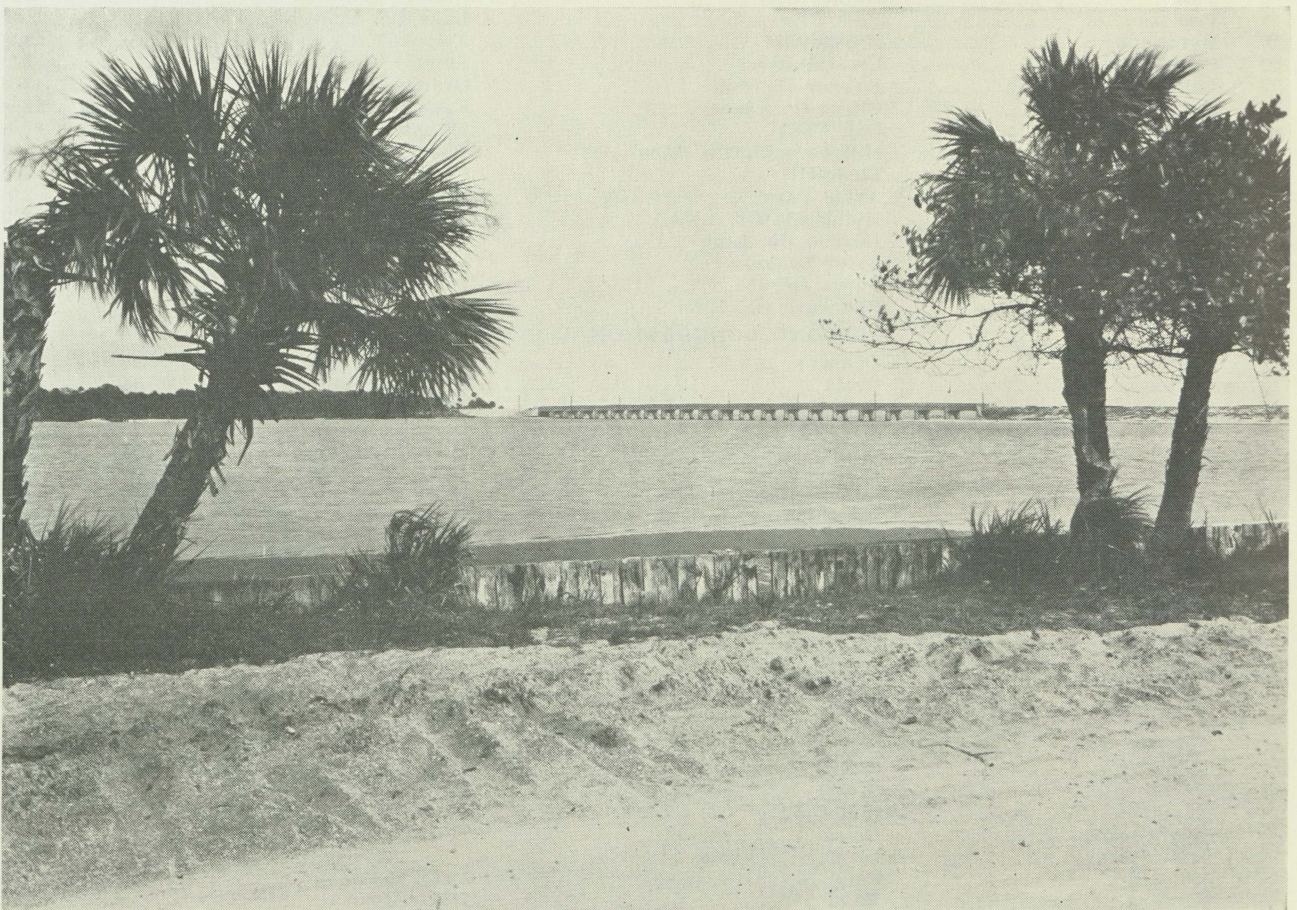
BE IT FURTHER RESOLVED, that the allowance of \$750.00 per annum for the editor of said publication be and the same is hereby continued.

Resolution of Thanks

On motion of Mr. Graham, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, that the thanks of this Department be and the same are hereby extended to the Seminole Hotel for courtesies extended to the members of the Department at this session.

On motion of Mr. Graham, seconded by Mr. Shands, the Department was adjourned.



Sebastian River Bridge—Road 4.

Status of Construction

Through December 31st, 1930

Proj. No.	Contractor	Road No.	County	Total Length Miles	Clearing Miles	Grading Miles	Base Miles	Surface Miles	Type	Per Cent Complete
53-D	C. C. Moore Const. Co.	2	Lake	4.48	3.50	2.50			Grading	30.00
57	R. C. Huffman Const. Co.	3	Nassau-Duval	3.40	1.02	.25			Grading	11.00
62-A	L. B. McLeod Const. Co.	24	Osceola	5.87			4.76	0.00	R.B.S.T.	80.00
62-D	L. B. McLeod Const. Co.	24	Osceola	12.66			12.66	2.00	R.B.S.T.	90.00
63-C	Robert G. Lassiter & Co.	4	Broward	13.24				13.24	Concrete	95.00
73-A	Wm. P. McDonald Const. Co.	17	Polk	3.66			3.66	3.66	Macasph.	100.00
73-D	John J. Quinn, Inc.	17	Polk	9.92				0.00	Concrete	0.00
74	Manly Const. Co.	2	Orange	14.34			14.34	14.34	Bit. Conc.	99.00
500-B	Marianna Lime Products Co.	20	Bay	12.65			5.69	0.00	R.B.S.T.	35.00
500-C	Marianna Lime Products Co.	20	Bay	12.18			8.00	3.00	R.B.S.T.	70.00
515	Marianna Lime Products Co.	20	Jackson	4.59			0.00	0.00	R.B.S.T.	0.00
535	Wm. P. McDonald Const. Co.	5-A	Lafayette	13.20			6.35	0.00	R.B.S.T.	40.00
608 B,2	J. D. F. Boggs	4	Brevard	1.07	.74	.44	0.00	0.00	R.B.S.T.	30.00
677-B	Langston Const. Co.	13	Levy	12.58			5.50	0.00	R.B.S.T.	45.00
695	Manly Const. Co.	2	Lake	2.48	2.48	1.80			Grading	74.00
708	Duval Engr. & Contr. Co.	11	Jefferson	7.98			7.98	4.00	R.B.S.T.	90.00
714	F. W. Long & Co.	28	Union	9.14			9.14	9.14	R.B.S.T.	100.00
720	Duval Engr. & Contr. Co.	11	Jefferson	9.70			9.70	2.00	R.B.S.T.	80.00
727	L. M. Gray	47	St. Johns	6.00			0.00	0.00	R.B.S.T.	0.00
745	Fred D. Beasley, Inc.	19	Taylor	15.95			15.95	0.00	R.B.S.T.	90.00
770	Standard Asphalt Co. of Fla.	22	Brevard	4.38			4.38	0.00	R.B.S.T.	85.00
787	Convicts	10	Walton	16.27	16.27	15.25			Grading	92.00
798	Convicts	13	Nassau	15.03	14.00	12.09			Grading	84.10
801	Convicts	48	Bradford-Union	11.78	9.31	9.31			Grading	80.00
805	Convicts	25	Hendry	9.42	9.42	1.20			Grading	18.00
806-A	E. F. Powers Const. Co.	25	Hendry	11.00			11.00	5.72	R.B.S.T.	90.00
806-C	L. B. McLeod Const. Co.	25	Hendry				0.00	0.00	R.B.S.T.	0.00
806-D	L. B. McLeod Const. Co.	25	Hendry				0.00	0.00	R.B.S.T.	0.00
820	H. D. Spangler & Co.	96	Jefferson	9.45	9.28	8.06			Grading	75.00
825	Convicts	88	Holmes	10.37	9.00	6.50			Grading	60.00
833	Convicts	10	Santa Rosa	8.02	8.02	8.02			Grading	95.00
845	Convicts	19	Taylor	8.57	8.57	8.57			Grading	99.00
846	Convicts	19	Taylor	11.00	11.00	11.00			Grading	96.00
857	Convicts	53	Santa Rosa	19.00	5.00	3.00			Grading	12.00
868-C	Convicts	5	Levy	12.34	10.00	7.85			Grading	60.00
869	Reid W. Bryan	29	Glades	9.04	2.00	2.71			Grading	25.00
870	S. J. Groves & Sons	143	Palm Beach	10.83	10.83	10.83	9.42	1.00	R.B.S.T.	90.00
875	Convicts	23	Hernando	10.14	2.00	.50			Graded	6.00
876	Convicts	78	Duval-St. Johns	28.90	28.90	27.74			Graded	96.00
876-C	Robert G. Lassiter Const. Co.	78	Duval-St. Johns	19.20			7.66	0.00	R.B.S.T.	35.00
878	Convicts	77	Gilchrist	10.48	10.48	10.48			Grading	100.00
883	John E. Ballenger Const. Co.	4	Duval	4.72			0.00	0.00	Macasph.	0.00
884	Macasphalt Corp. of Fla.	3	Duval	2.45	2.45	2.40	2.45	.37	Macasph.	70.00
885	Robert G. Lassiter & Co.	3	Duval	4.86	0.00	0.00	0.00	0.00	Macasph.	3.00
927	Convicts		Jackson	2.00	2.00	1.00	0.00	0.00	S.C.S.T.	35.00

Total complete December 31st, 1930 3153.62 31 28.85 1788.67 2584.56

TOTAL MILEAGE COMPLETE

	Concrete	Brick	B.C.	S.A.	B.M.	Asph.B.	S.T.R.B.	S.T.S.C.	Macasp.	Sand	Asp.	S.C.
Complete to Dec. 31, 1930	378.41	21.63	54.11	114.61	109.57	23.70	1471.12	336.89	5.36	9.50		134.69
							Marl					
							27.58					
								Total				
								2,687.17				

TOTALS REVISED AND CORRECTED TO DECEMBER 31ST, 1930.

CONTRACTS AWARDED BY STATE ROAD DEPARTMENT

January 1st, 1931, to January 31st, 1931.

FEDERAL PROJECTS

Proj.	Road	County	Contractor	Length Feet	Length Miles	Contract + 10%	Type
73-C	17	Polk	John J. Quinn, Inc.		5.22	\$ 165,480.74	Concrete
67	50	Suwannee-Hamilton	Austin Bros. Bridge Co.	461.5		51,993.04	Concrete
60-B	4	Flagler-Volusia	Fred D. Beasley, Inc.	570		107,566.27	Concrete
Sub Total				1,031.5	5.22	\$ 324,040.05	

STATE PROJECTS

Proj.	Road	County	Contractor	Length Feet	Length Miles	Contract + 10%	Type
879-B	1	Escambia	Soule Contracting Co.	64		\$ 9,895.62	Concrete
892	30	Indian River	Fred D. Beasley, Inc.		13.0	161,914.84	Rock Base
Sub Total				64	13.0	\$ 171,810.46	
Grand Total				1,095.5	18.22	\$ 496,850.51	